			52	7 Rec'd PCT/PTO 26 APR 2000							
FORM (REV 1	PTO-139	0 (Modified) U.S. DEPARTMEN	MMERCE PATENT AND TRADEMARK OFFICE	ATTORY'S DOCKET NUMBER							
	TF	RANSMITTAL LETTER	THE UNITED STATES	UCS 0-1							
•	•	DESIGNATED/ELECT	ED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR							
			NG UNDER 35 U.S.C. 371	09/530370							
INTE		IONAL APPLICATION NO. PCT/US98/22577	INTERNATIONAL FILING DATE 23 October 1998	PRIORITY DATE CLAIMED  27 October 1997							
REA MY	GEN COT	HIOL AND PRECURSORS	FOR THE DETECTION AND QUAN THEREOF	ITITATIVE DETERMINATION OF							
ROE	BERT	T(S) FOR DO/EO/US C. FAHEY; GERALD L. N BERG	NEWTON; MARIA MARGARITA D.	UNSON; CHARLES E. DAVIS; SARA J.							
Appl	icant l	nerewith submits to the United S	ates Designated/Elected Office (DO/EO/US)	the following items and other information:							
1.	$\boxtimes$	This is a FIRST submission of	items concerning a filing under 35 U.S.C. 37	1.							
2.		This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.									
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).									
4.	$\boxtimes$	A proper Demand for Internation	onal Preliminary Examination was made by th	ne 19th month from the earliest claimed priority date.							
<u></u> 5.	$\boxtimes$	A copy of the International Ap	plication as filed (35 U.S.C. 371 (c) (2))								
that thus only joing 6.		a.  is transmitted herewit	h (required only if not transmitted by the Inte	ernational Bureau).							
#1		b. 🛭 has been transmitted b	by the International Bureau.								
el en		c.  is not required, as the	application was filed in the United States Rec	ceiving Office (RO/US).							
6.		A translation of the International Application into English (35 U.S.C. 371(c)(2)).									
. i7.		A copy of the International Search Report (PCT/ISA/210).									
<u>.</u> 8.	$\boxtimes$	Amendments to the claims of the	ne International Application under PCT Articl	le 19 (35 U.S.C. 371 (c)(3))							
		a.   are transmitted herewith (required only if not transmitted by the International Bureau).									
#		b.  have been transmitted by the International Bureau.									
ħ.]		c. have not been made; however, the time limit for making such amendments has NOT expired.									
===		d. 🛛 have not been made a	nd will not be made.								
9.		A translation of the amendmen	ts to the claims under PCT Article 19 (35 U.S	.C. 371(c)(3)).							
10.		An oath or declaration of the in	ventor(s) (35 U.S.C. 371 (c)(4)).								
• Î1.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).									
12.		<del>-</del> -	the International Preliminary Examination Re								
I	tems 1	3 to 20 below concern docume	nt(s) or information included:								
13.		An Information Disclosure Sta	tement under 37 CFR 1.97 and 1.98.								
14.		An assignment document for re	cording. A separate cover sheet in compliance	ce with 37 CFR 3.28 and 3.31 is included.							
15.		A FIRST preliminary amendm	ent.								
16.		A SECOND or SUBSEQUEN	T preliminary amendment.								
17.		A substitute specification.									
18.		A change of power of attorney and/or address letter.									
19.	$\boxtimes$	Certificate of Mailing by Express Mail									
20.	$\boxtimes$										
		POSTCARD CHECK #441199									
		EXPRESS MAIL NO. EL476	773375US								
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		2 6 APR 2000										
U.S. APPLICATION	530370 <sup>37</sup>	INTERNATIONAL APPLICA PCT/US98/225			$\overline{)}$		DOCKET NUMBER D1130-1					
21. The fo	ollowing fees are submitted:.			,	CA	LCULATION	S PTO USE ONLY					
[	AL FEE ( 37 CFR 1.492 (a) (1) -											
internationa	ernational preliminary examination al search fee (37 CFR 1.445(a)(2) tional Search Report not prepared	0.00										
USPTO but	al preliminary examination fee (37) Internation Search Report prepar	0.00	ł									
but internat	al preliminary examination fee (37 ional search fee (37 CFR 1.445(a)											
but all clain	al preliminary examination fee pains did not satisfy provisions of PC											
☐ Internationa and all clair	al preliminary examination fee pai ns satisfied provisions of PCT Ar		<del></del>	<del></del>								
	ENTER APPROPRI	ATE BASIC FEE AM	OUNT =			\$670.00						
Surcharge of \$130. months from the ea	00 for furnishing the oath or declaritiest claimed priority date (37 C	aration later than 2 FR 1.492 (e)).	20 ⊠ 30	)		\$130.00						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			1	r					
Total claims	45 - 20 =	25	x \$18.00			\$450.00						
Independent claims	· · · · · · · · · · · · · · · · · · ·	5	x \$78.00	)		\$390.00 \$0.00						
Multiple Depender	nt Claims (check if applicable). TOTAL OF	ABOVE CALCULAT		=		\$1,640.00						
Reduction of 1/2 for must also be filed	or filing by small entity, if applica (Note 37 CFR 1.9, 1.27, 1.28) (ch	able. Verified Small Entity Sta		☒		\$820.00						
	· · ·	SUB	TOTAL	=	-	\$820.00						
Processing fee of \$ months from the ea	130.00 for furnishing the English rliest claimed priority date (37 C		\$0.00									
		=		\$820.00								
Fee for recording the accompanied by an	he enclosed assignment (37 CFR) appropriate cover sheet (37 CFR)		\$0.00									
			\$820.00									
						unt to be: efunded	\$					
						charged	\$					
A check in the amount of \$820.00 to cover the above fees is enclosed.  Please charge my Deposit Account No. in the amount of to cover the above fees.  A duplicate copy of this sheet is enclosed.												
II .	The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment											
to Deposit	to Deposit Account No. 07-1895 A duplicate copy of this sheet is enclosed.											
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.												
SEND ALL CORRESPONDENCE TO:												
Lisa A. Haile SIGNATURE												
Gray Ware & Fr 4365 Executive D												
San Diego, Califo			Lisa A. Haile									
United States of			NAME									
Telephone: (858)	677-1456		38,347									
Facsimile: (858)			REGISTRATION NUMBER									
		, 200	0									
					<u></u>							

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DOCUMENT: US NATIONAL PHASE FILING UNDER

**USC 371** 

DOCKET NO.: UCSD1130-1 SERIAL NO.: UNASSIGNED

## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER EL476993395US

DATE OF DEPOSIT April 26 2000

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231.

Mikhail Bayley

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